

Electrically Heated Mineral or Masonry Material Seat

Abstract: An electrically heated stone or composite material bench that is suitable for both inside and outdoor use and providing added comfort to the seated user in colder climates or conditions. The stone bench has upright supports (29 and 31) and a bottom seat (23) and may or may not contain an upright back support (21). A length of commercially produced electrical heating cable (33) is embedded in each of the hollowed out rock slabs that comprise the seat and back. The cable is inlaid in a spiral pattern at a distance of around 1.5 inches apart, with around 35 feet of cable used per rock slab. The amount of cable is dependent on the climate and needs of user. Electrical connections are made in a junction box (39) attached to the underside of bench and attached to a power cord (37). Steel pins or bolts securely fasten and stabilize assembled heated stone bench.